

Comparisons of Job Characteristics

Focus Occupation: [Water and Wastewater Treatment Plant and System Operators \(51-8031\)](#)
Associated Occupation: [Septic Tank Servicers and Sewer Pipe Cleaners \(47-4071\)](#)

[Compare Knowledge](#)
[Compare Skills](#)
[Compare Abilities](#)
[Compare Detailed Work Activities](#)
[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 49

Focus Occupation: Water and Wastewater Treatment Plant and System Operators (51-8031)
Associated Occupation: Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Customer and Personal Service	11.3	14.6	11.1	<<	Extensive education and/or training may be required
Mechanical	6.8	13.7	14.8	0	Current knowledge level may be sufficient
Sales and Marketing	5.2	11.3	1.2	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	9.5	12.7	>>	Current knowledge level is likely more than sufficient
Building and Construction	4.0	9.3	10.0	0	Current knowledge level may be sufficient
Transportation	4.6	9.3	6.9	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Water and Wastewater Treatment Plant and System Operators (51-8031)
Associated Occupation: Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	11.1	11.4	0	Current skill level may be sufficient
Operation Monitoring	6.6	11.1	11.9	0	Current skill level may be sufficient
Troubleshooting	4.5	9.5	9.3	0	Current skill level may be sufficient
Quality Control Analysis	5.9	8.9	10.3	>	Skill level is likely sufficient
Repairing	3.4	8.6	9.0	0	Current skill level may be sufficient
Equipment Maintenance	3.5	8.5	9.3	0	Current skill level may be sufficient
Equipment Selection	3.3	7.0	7.4	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 61			
Focus Occupation: Water and Wastewater Treatment Plant and System Operators (51-8031) Associated Occupation: Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Control Precision	6.6	11.9	9.0	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.8	8.3	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.1	7.6	<<	Extensive improvement in abilities may be required
Reaction Time	4.8	11.1	7.5	<<	Extensive improvement in abilities may be required
Flexibility of Closure	7.8	10.6	6.6	<<	Extensive improvement in abilities may be required
Auditory Attention	5.9	10.2	6.6	<<	Extensive improvement in abilities may be required
Hearing Sensitivity	5.6	10.1	6.7	<<	Extensive improvement in abilities may be required
Response Orientation	4.0	10.1	6.9	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	7.4	4.3	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	6.7	3.2	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 68	
Focus Occupation: Water and Wastewater Treatment Plant and System Operators (51-8031) Associated Occupation: Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)			
Work Activities		Exclusivity of Activity	
Use hand or power tools		2	
Use pipe fitting equipment		80	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Water and Wastewater Treatment Plant and System Operators (51-8031)

Associated Occupation: Septic Tank Servicers and Sewer Pipe Cleaners (47-4071)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.